

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
268	0.00	0.00	Mark	Boundary	Crossing	Start of ST0002 Sutter Maintenance Yard East Levee Bypass Unit Number 01 Sutter Bypass Levee. Entry Last Updated : 4/27/2017	LEVEELOG
265	0.00	0.00	Gate	Metal	Water Side	Metal Gate at top of ramp on WS hinge south side of the bypass bridge. Entry Last Updated : 4/27/2017	LEVEELOG
264	0.00	21.77	At Grade	Road / Highway	Crown	West Butte Road on levee crown. Entry Last Updated : 4/27/2017	LEVEELOG 763
84	0.00	0.00	Structure	Bridge	Water Side	Entrance to bridge at South Butte Road. At north end of SBP1. Entry Last Updated : 1/9/2020	USACEINSPECT 678
83	0.00	0.21	Fence	Barbed Wire	Land Side	Barbed wire fence along landside toe. Entry Last Updated : 1/9/2020	USACEINSPECT
85	0.00	0.23	Ditches	Unlined	Land Side	Drainage ditch along landside toe. Ditch is dry. Drainage ditch is shown on as-builts. Entry Last Updated : 1/14/2020	USACEINSPECT
82	0.00	0.25	Fence	Barbed Wire	Water Side	Barbed Wire fence on WS hinge near crown. Entry Last Updated : 4/27/2017	LEVEELOG
266	0.00	0.00	Ramp	Ramp	Water Side	Ramp on WS south of bypass bridge. Entry Last Updated : 4/27/2017	LEVEELOG
267	0.02	0.02	Mark	Marker	Land Side	Levee Mile Marker 0.0 Entry Last Updated : 4/27/2017	LEVEELOG
1	0.08	0.08	Structure	Sign	Land Side	Entry Last Updated : 1/15/2020	LEVEELOG
86	0.08	0.08	Structure	Pole - Utility	Land Side	Power poles 10 feet from the landside toe. Entry Last Updated : 1/13/2020	USACEINSPECT
269	0.08	0.27	Aerial	High Voltage	Land Side	Power lines run parallel to levee with 10 ft of LS Levee toe. Entry Last Updated : 4/27/2017	LEVEELOG
270	0.14	0.14	Structure	Pole - Utility	Land Side	Power poles 10 feet from the landside toe. Entry Last Updated : 1/15/2020	LEVEELOG

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**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
271	0.21	0.21	Structure	Pole - Utility	Land Side	Power poles 10 feet from the landside toe. Entry Last Updated : 1/15/2020	LEVEELOG		
90	0.22	0.22	Ramp	Ramp	Land Side	Landside access ramp Entry Last Updated : 1/14/2020	USACEINSPECT 4645		
87	0.22	0.22	Structure	Pump Station	Land Side	Ag Irrigation Pump Station within 10 ft of LS levee toe. Entry Last Updated : 4/27/2017	LEVEELOG		
92	0.25	0.25	At Grade	Levee	Land Side	West Butte road approaches levee alignment on landside and proceeds on crown. Section is overbuilt as road approaches. Entry Last Updated : 1/14/2020	USACEINSPECT		
459	0.26	0.26	UCIP	Pipe		DS_ID:25575 EP_NO: 768 Crossing Status: Not Found FIELD_STRUCT_DESC: *REMOVED* 3.5-inch steel gas line through the levee, 30-inches below the crown. Carsonite marker located on the waterside (WS) shoulder and on road, 200 feet east of levee crossing (3.5-inch line authorized under Permit No. 768, 1939 - Pacific Gas and Electric Company [PG&E]; 3.5-inch line was removed under Permit No. 14802, 1987 - PG&E). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.26), listed as 3-inch gas line. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 1139+80), listed as PG&E Co. gas pipe line crossing no size reference. USACE As-Built Drawing No. 50-04-1946-2 (pdf file name 50-04-1646), Part B, Drawing No. 4, line crosses levee from 1131+00 to station 3+14 (across Sacramento Northern Railroad), page 4 of 4 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021 768		
93	0.26	0.26	Non-Project Levee	Spur	Water Side	Embankment associated with abandoned bridge crossing Sutter Bypass runs perpendicular to the levee embankment on the waterside. Entry Last Updated : 1/14/2020	USACEINSPECT		
96	0.26	0.26	Revetment	Rock	Water Side	Pile of rocks on waterside on top of old bridge abutment embankment perpendicular to the levee which extends into bypass. The rocks are within 15 feet of the levee embankment. Entry Last Updated : 1/14/2020	USACEINSPECT		

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## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

3	0.27	0.27	UCIP	Pipe	Crossing	DS_ID:16867 EP_NO: 14802 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 30-inches below the crown. Carsonite marker located on the waterside (WS) shoulder and on road, 200 feet east of levee crossing (4-inch line authorized under Permit No. 14802, 1987 - Pacific Gas and Electric Company [PG&E]; 4-inch line replaces previous 3.5-inch line authorized under Permit No. 768, 1939 - PG&E). Entry Last Updated : 4/17/2021	UCIPAPR2021 14802 768
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88	0.27	0.27	Structure	Pole - Utility	Land Side	Power poles 10 feet from the landside toe. Entry Last Updated : 1/13/2020	USACEINSPECT
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5	0.27	0.27	Structure	Sign	Water Side	Entry Last Updated : 1/15/2020	LEVEELOG
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95	0.27	0.27	Aerial	High Voltage	Crossing	Power pole at the waterside toe. Overhead power lines cross the levee crown with 20 to 25 feet vertical clearance. Entry Last Updated : 1/10/2020	USACEINSPECT
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89	0.29	0.32	Revetment	Rock	Water Side	Rock revetment on WS slope. Entry Last Updated : 4/27/2017	LEVEELOG 16764
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97	0.30	0.30	Mark	Survey	Crown	Survey marker at the waterside hinge next to the Highway 20 crossing. Entry Last Updated : 1/14/2020	USACEINSPECT
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98	0.30	0.32	At Grade	Road / Highway	Crossing	Highway 20 crosses levee alignment. Guard rails, call box and signage. Bridge extends over Sutter bypass on waterside. Entry Last Updated : 1/14/2020	USACEINSPECT 16764
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458	0.32	0.32	UCIP	Pipe		DS_ID:16858 EP_NO: 13363 Crossing Status: Not Found FIELD_STRUCT_DESC: *REMOVED* 4-inch polyvinyl chloride (PVC) communications conduit through the levee, 4 feet below the crown. As-built shows pipe placed through the levee perpendicular to levee at approximately 15 feet south of edge of pavement. (4-inch conduit authorized under Permit No. (PN) 13363, 1982 - Pacific Telephone and Telegraph Company [PT&T]; Permit No. 16647, 1996 - Pacific Bell was originally issued for the replacement of this line however permit retracted, work completed under PN 13363 in 1998). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.30), listed as 4-inch conduit]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13363
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
6	0.32	0.32	UCIP	Conduit	Crossing	DS_ID:16890 EP_NO: 16850 Crossing Status: Not Found FIELD_STRUCT_DESC: 4-inch steel communications conduit through the levee, 4 feet below the crown. Design drawings available in permit. (4-inch line authorized under Permit No. 16850, 1998 - Pacific Bell; previous 4-inch line removed under Permit No. 13363 and 16647 in 1998). Entry Last Updated : 4/17/2021	UCIPAPR2021 16647 16850		
8	0.32	0.32	UCIP	Pipe	Crossing	DS_ID:16859 EP_NO: 8590 Crossing Status: Not Found FIELD_STRUCT_DESC: 3-inch gas line of an unknown material along the landside (LS) toe, at an unknown depth. (3-inch line authorized under Permit No. 8590, 1973 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.33), listed as 3-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 4795 8590		
456	0.33	0.33	UCIP	Pipe		DS_ID:25576 EP_NO: 18756 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 5-inch steel fiber optics casing duct along the downstream side of the Highway 20 bridge. Hand hole (CVIN) for duct on levee crown at the intersection of South Tarke Road and Highway 20. Before digging, call CVIN at (855) 442-6010. (4-inch steel casing pipe attached to the south side of the Highway 20 bridge authorized under Permit No. 18756, 2013 - Central Valley Independent Network, LLC, [CVIN]). Entry Last Updated : 4/17/2021	UCIPAPR2021 18756		
9	0.34	0.34	UCIP	Pipe	Land Side	DS_ID:16860 EP_NO: 4795 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 10-inch steel gas line through the levee, 4 feet below the crown. Pipe is 0.375 inches thick and soil proofed. Pressure gas line goes through the left bank, under the channel of Sutter Bypass, and right bank. (10-inch line authorized under Permit No. 4795, 1965 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.34), listed as 10-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 4795		
91	0.34	0.34	Fence	Barbed Wire	Land Side	Barbed wire fence within 10ft of LS toe. Entry Last Updated : 4/27/2017	LEVEELOG		
100	0.34	0.34	Mark	Marker	Land Side	Marker for gas line visible at landside toe (Permits 4795 & 8590) Entry Last Updated : 1/13/2020	USACEINSPECT 4795		

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Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
101	0.38	0.38	Ramp	Ramp	Land Side	Vehicle access ramp from toe to crown on landside. Entry Last Updated : 1/14/2020	LEVEELOG		
104	0.40	0.40	Ramp	Ramp	Water Side	Vehicle access ramp from toe to crown on waterside. Entry Last Updated : 1/14/2020	USACEINSPECT		
12	0.40	0.40	UCIP	Pipe	Crossing	DS_ID:16861 EP_NO: 1890 Crossing Status: Found FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee, 3.8 feet below the crown. Vertical pump and gate valve mounted on a steel structure located on the waterside (WS). Siphon breaker on the landside (LS) shoulder. 36-inch concrete riser unit in field on the LS. (18-inch pipe authorized under Permit No. 1890, 1959 - T. S. Madden). Emergency repair requested May 8, 2005, for replacement of existing pipe with 18-inch steel tar coated pipe. [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.40), listed as 18-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 1890		
102	0.40	0.40	Structure	Pump Station	Water Side	18 inch steel pipe 4 feet below crown with vertical pump and steel structure on waterside. No slide gates were observed (Permit 1890). Entry Last Updated : 1/14/2020	USACEINSPECT 1890		
14	0.41	0.41	Aerial	High Voltage	Crossing	Overhead power line crosses levee, pole on the waterward shoulder. (App. 1923 -PG&E). Entry Last Updated : 4/25/2017	GEILEVEELOG 1923		
103	0.41	0.41	Structure	Pole - Utility	Water Side	Power pole on waterside slope for pump on bank. Over head power lines cross levee with 30 feet of vertical clearance (Permit 1923). Entry Last Updated : 1/15/2020	USACEINSPECT 1923		
272	0.46	0.46	Structure	Sign	Water Side	On-Site Revegetation in progress sign near WS toe. Entry Last Updated : 4/27/2017	LEVEELOG		
273	0.50	0.50	Mark	Marker	Crown	Levee Mile Marker 0.5 Entry Last Updated : 4/27/2017	LEVEELOG		
15	0.52	0.52	Aerial	High Voltage	.Not Identified	Overhead power line crosses levee. (App. 12561-PG&E). Entry Last Updated : 4/25/2017	GEILEVEELOG 12561		
274	0.53	0.53	Structure	Sign	Water Side	On-Site Revegetation in progress sign near WS toe. Entry Last Updated : 4/27/2017	LEVEELOG		

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Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

16	0.79	0.79	UCIP	Pipe	Crossing	DS_ID:16888 EP_NO: 11633 Crossing Status: Not Found FIELD_STRUCT_DESC: *REMOVED* 24-inch irrigation pipe of an unknown material through the levee, at an unknown depth. Pump and discharge pipe installed at or near this location without permit in August 1976. The pipe and pump were removed, and application for Permit No. 11633 was submitted and approved, but no permanent structure was installed. Permit was closed. (unauthorized pipe and pump were removed by November 1976; new 24-inch and pump authorized under Permit No. 11633 and revisions under 11633-A, -B, -C, -D, -E, 1976 - Nevis Industries, Inc., 24-inch proposed pipe never installed) Entry Last Updated : 4/17/2021	UCIPAPR2021 11633
105	1.00	1.00	Mark	Marker	Crown	Levee Mile Marker 1.0 Entry Last Updated : 4/27/2017	LEVEELOG
254	1.11	1.11	Structure	Pole - Utility	Water Side	Power pole on waterside shoulder hinge Entry Last Updated : 1/16/2020	LEVEELOG
106	1.11	1.11	Structure	Pump Station	Water Side	16 inch pipe through levee, 6.3 feet below crown. Vertical pump on steel structure on WS bank. Siphon breaker in 24 inch CMP riser on WS slope. Concrete distribution box on LS. No visible slide gates (Permit 10932). Entry Last Updated : 1/14/2020	USACEINSPECT 10932
107	1.11	1.11	Aerial	High Voltage	Crossing	Power pole on waterside hinge with guy wire on waterside slope. Overhead power lines cross the levee with 30 feet of vertical clearance. Entry Last Updated : 1/10/2020	USACEINSPECT
17	1.12	1.12	UCIP	Pipe	Crossing	DS_ID:16862 EP_NO: 10932 Crossing Status: Found FIELD_STRUCT_DESC: 16-inch coated steel irrigation pipe through the levee, 6.3 feet below the crown. Vertical pump mounted on a steel structure on the bank. Siphon breaker in a 24-inch corrugated metal pipe riser on the waterside (WS) slope. Concrete distribution box on the landside (LS). Power and communication joint pole (JP) on the WS shoulder. Original equipment in O&M. Hand drawings available in permit. (Original 16-inch O&M pipe removed in 1975 and replaced with a 16-inch pipe under Permit No. 10932, 1976 - Edward Nall) [Additional Reference(s): DWR Levee Log, 2005 (HLM 1.12), listed as 16-inch pipe. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 1094+80), listed as 16-inch pipe. USACE As-Built Drawing No. 50-04-1946-2 (pdf file name 50-04-1646), Part B, Drawing No. 4, page 4 of 4 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021 10932

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## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

108	1.16	1.16	Ramp	Ramp	Water Side and Land Side	Vehicle access ramps from toe to crown, on landside and waterside. Entry Last Updated : 1/14/2020	USACEINSPECT
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275	1.50	1.50	Mark	Marker	Crown	Levee Mile Marker 1.5 Entry Last Updated : 4/27/2017	LEVEELOG
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19	1.60	1.60	UCIP	Pipe	Crossing	DS_ID:16863 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee, 6.3 feet below the crown. Gate valve on the waterside (WS) slope. 24-inch concrete standpipe at toe of landside (LS) slope. Buried centrifugal pump on the bank. Unable to determine if applicant removed or abandoned crossing. Permit recordation indicates work abandoned, however, permit indicates pipe was to be removed completely from levee section. (no permit found authorizing 18-inch pipe; removal of 16-inch gate valve from existing pipe and plugging the pipe through the levee, leading to the abandoned Morehead Pumping Plant, was authorized under Permit No. 3051, 1959 - Edward E. Nall, page 12 of 13 shows 16-inch through levee and 30-inch standpipe on LS) [Additional Reference(s): DWR Levee Log, 2005 (HLM 1.61), listed as abandoned 16-inch pipe. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 1069+60), listed as 18-inch pipe. USACE As-Built Drawing No. 50-04-1946-2 (pdf file name 50-04-1646), Part B, Drawing No. 3, page 3 of 4 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021 3051
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276	1.99	1.99	Mark	Marker	Crown	Levee Mile Marker 2.0 Entry Last Updated : 4/27/2017	LEVEELOG
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111	2.31	2.31	Aerial	High Voltage	Crossing	Overhead power line crosses levee with more than 30 feet vertical clearance (Permit 4936). Entry Last Updated : 1/10/2020	USACEINSPECT 4936
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109	2.49	2.49	Mark	Marker	Crown	Levee Mile Marker 2.5 Entry Last Updated : 4/27/2017	LEVEELOG
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## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

22	2.49	2.49	UCIP	Pipe	Crossing	DS_ID:16866 EP_NO: 13295 Crossing Status: Not Found FIELD_STRUCT_DESC: 4.5-inch coated steel natural gas pipeline through the levee, 3.8 feet below the crown. Gas line markers on both the landside (LS) and the waterside (WS) toes. Gas valve at LS toe at edge of canal. Line crosses the channel and goes through both Sutter Bypass levees. As-builts available. (4.5-inch line authorized under Permit No. 13295, 1981 - Atlantic Oil Company). [Additional Reference(s): DWR Levee Log, 2005 (HLM 2.51), listed as 4.5-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13295
23	2.50	2.50	UCIP	Pipe	Crossing	DS_ID:16864 EP_NO: 3890 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 10.75-inch steel gas pipeline through the levee, 2.6 feet below the crown. Gas line markers located on the landside (LS) and the waterside (WS) toes. Gas valve in steel riser unit on the LS toe at edge of canal. Line crosses the channel and goes through both Sutter Bypass levees. Design drawings available. (10.75-inch line authorized under Permit No. 3890, 1962 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2005 (HLM 2.49), listed as 10-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 3890
112	2.50	2.50	Mark	Marker	Crown	Markers for gas pipelines at landside toe, crown and two at the landside toe (Permits 3890 and 13295). Entry Last Updated : 1/13/2020	USACEINSPECT 3890
25	2.50	2.50	UCIP	Conduit	Crossing	DS_ID:16865 EP_NO: 6905 Crossing Status: Not Found FIELD_STRUCT_DESC: 1 of 2: 2.5-inch steel telephone conduit through the levee, 2.5 feet below the crown. Design drawings available in permit. (two 2.5-inch conduits installed under Permit No. 6905, 1970 - Pacific Telephone & Telegraph Company [PT&T]). [Additional Reference(s): DWR Levee Log, 2005 (HLM 2.50), listed as telephone cable]. Entry Last Updated : 4/17/2021	UCIPAPR2021 6905



**Flood Control Project Maintenance**  
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**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

24	2.50	2.50	UCIP	Conduit	Crossing	DS_ID:16894 EP_NO: 6905 Crossing Status: Not Found FIELD_STRUCT_DESC: 2 of 2: 2.5-inch steel telephone conduit through the levee, 2.5 feet below the crown. (two 2.5-inch conduits installed under Permit No. 6905, 1970 - Pacific Telephone and Telegraph Company [PT&T]). Design drawings available in permit. [Additional Reference(s): DWR Levee Log, 2005 (HLM 2.50), listed as telephone cable]. Entry Last Updated : 4/17/2021	UCIPAPR2021 6905
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13	2.50	2.50	Fence	Metal	Water Side and Land Side	Access pipe gate on the crown and at waterside toe. Fence crossing the levee on landside and waterside slopes. Entry Last Updated : 1/15/2020	LEVEELOG
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113	2.50	2.50	Gate	Metal	Crossing	Access pipe gate on the crown and at waterside toe. Fence crossing the levee on landside and waterside slopes. Entry Last Updated : 1/13/2020	USACEINSPECT
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114	2.55	2.55	Structure	Bridge	Water Side	Waterside access ramp from Franklin Road bridge crossing at crown to the waterside toe. Entry Last Updated : 1/9/2020	USACEINSPECT 16703
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115	2.55	2.55	At Grade	Road / Highway	Crossing	Franklin road crosses over levee. Bridge on waterside. Road cuts 6 inches into levee embankment on landside, but section is overbuilt. Entry Last Updated : 1/14/2020	USACEINSPECT
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110	2.56	2.56	Revetment	Rock	Water Side	Rock revetment on WS slope at Franklin Road Bridge. Entry Last Updated : 4/27/2017	LEVEELOG 16703
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116	2.57	2.57	Ramp	Ramp	Water Side	Waterside access ramp near Franklin Road crossing. Entry Last Updated : 1/14/2020	USACEINSPECT
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277	2.57	2.57	Ramp	Ramp	Land Side	Entry Last Updated : 4/27/2017	LEVEELOG
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11	2.62	2.62	Fence	Metal	Water Side and Land Side	Access pipe gate on the crown and at waterside toe. Fence crossing the levee on landside and waterside slopes. Entry Last Updated : 1/15/2020	LEVEELOG
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Metal Pipe Gate at WS toe connected to pipe fence.  
Entry Last Updated : 1/15/2020

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Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

117	2.62	2.62	Gate	Metal	Crossing	Access pipe gate on the crown and at waterside toe. Fence crossing the levee on landside and waterside slopes. Entry Last Updated : 1/15/2020	USACEINSPECT
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Metal Pipe Gate at WS toe connected to pipe fence.  
Entry Last Updated : 4/27/2017

278	2.64	3.54	At Grade	Road / Highway	Land Side	Gravel Road running parallel to levee along LS levee toe. Entry Last Updated : 4/27/2017	LEVEELOG
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279	2.97	2.97	Mark	Marker	Crown	Levee Mile Marker 3.0 Entry Last Updated : 4/27/2017	LEVEELOG
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280	3.46	3.46	Mark	Marker	Crown	Levee Mile Marker 3.5 Entry Last Updated : 4/27/2017	LEVEELOG
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7	3.47	3.47	Structure	Pole - Utility	Land Side	Power pole on waterside hinge. Overhead power lines cross levee with 25 foot clearance. Second power pole 15 feet from the landside toe. Entry Last Updated : 1/15/2020	LEVEELOG 1067
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10	3.47	3.47	Structure	Pole - Utility	Water Side	Power pole on waterside hinge. Overhead power lines cross levee with 25 foot clearance. Second power pole 15 feet from the landside toe. Entry Last Updated : 1/15/2020	LEVEELOG 1067
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118	3.47	3.47	Aerial	High Voltage	Crossing	Power pole on waterside hinge. Overhead power lines cross levee with 25 foot clearance. Second power pole 15 feet from the landside toe. Entry Last Updated : 1/10/2020	USACEINSPECT 1067
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126	3.53	4.24	Structure	Seepage Berm	Land Side	Toe drain and seepage berm constructed in 2001 under PL 84/99, 1 foot high, 3 foot wide berm. Entry Last Updated : 1/14/2020	USACEINSPECT
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### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

26	3.55	3.55	UCIP	Culvert	Crossing	DS_ID:16880	UCIPAPR2021
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EP\_NO:  
Crossing Status: Found  
FIELD\_STRUCT\_DESC: [Pumping Plant No. 3] 1 of 2: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in concrete well on the landside (LS) shoulder. Wood flap gate and concrete headwall on the waterside (WS) end. Abandoned State pumping plant on the LS. [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.53), listed as two 4-foot by 5-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 966+30), listed as two 4-foot by 6-foot concrete conduits with wooden gates referenced as Pumping Plant No. 3. USACE As-Built Drawing No. 50-04-1946-2 (pdf file name 50-04-1646), Part B, Drawing No. 3, page 3 of 3 pdf file, August 1941].  
Entry Last Updated : 4/17/2021

27	3.55	3.55	UCIP	Culvert	Crossing	DS_ID:16895	UCIPAPR2021
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EP\_NO:  
Crossing Status: Found  
FIELD\_STRUCT\_DESC: [Pumping Plant No. 3] 2 of 2: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in concrete well on the landside (LS) shoulder. Wood flap gate and concrete headwall on the waterside (WS) end. Abandoned State pumping plant on the LS. [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.53), listed as two 4-foot by 5-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 966+30), listed as two 4-foot by 6-foot concrete conduits with wooden gates referenced as Pumping Plant No. 3. USACE As-Built Drawing No. 50-04-1946-2 (pdf file name 50-04-1646), Part B, Drawing No. 3, page 3 of 3 pdf file, August 1941].  
Entry Last Updated : 4/17/2021

457	3.55	3.55	UCIP	Pipe		DS_ID:25577	UCIPAPR2021
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EP\_NO: 5296  
Crossing Status: Not Found  
FIELD\_STRUCT\_DESC: 3.5-inch gas line through the levee, 3 feet below the crown. Line crossing the Sutter Bypass and Wadsworth Canal in Sutter County landward side of the left bank levee Sutter Bypass and through both levees and under the channel of Wadsworth Canal. HLM 3.61 to 5.37. across Wadsworth Canal at LM 0.04, Units 1 and 2. (3-inch line authorized under Permit No. 5296, 1966 - Atlantic Oil Company)  
Entry Last Updated : 4/17/2021

120	3.55	3.55	Miscellaneous	Pits	Land Side	50 foot diameter hole on landside toe from abandoned pump station filled with water. Still has piles from original building foundation.	USACEINSPECT
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Entry Last Updated : 1/13/2020

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

28	3.58	3.58	UCIP	Pipe	Crossing	DS_ID:16868 EP_NO: 12403 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 3] 1 of 4: 30-inch reinforced concrete drainage pipe through the levee, 13.4 feet below the crown to center line of the pipes. Flap gates and slide gates in outlet structure and reinforced concrete "U" headwall and splash apron on discharge end of the pipes on the waterside (WS). Four 200 horsepower motors inside pumping plant structure are located on the landside (LS). Pump station built in 1979. New Sutter Bypass Pumping Plant No. 3 replaces State Drainage Pumping Plant No. 3. Design drawings available in permit. (four 30-inch discharge pipes authorized under Permit No. 12403, 1979 - Department of Water Resources). [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.57), listed as four 30-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 12403
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29	3.58	3.58	UCIP	Pipe	Crossing	DS_ID:16896 EP_NO: 12403 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 3] 2 of 4: 30-inch reinforced concrete drainage pipe through the levee, 13.4 feet below the crown to center line of the pipes. Flap gates and slide gates in outlet structure and reinforced concrete "U" headwall and splash apron on discharge end of the pipes on the waterside (WS). Four 200 horsepower motors inside pumping plant structure on the landside (LS). Pump station built in 1979. New Sutter Bypass Pumping Plant No. 3 replaces State Drainage Pumping Plant No. 3. Design drawings available in permit. (four 30-inch discharge pipes authorized under Permit No. 12403, 1979 - Department of Water Resources). [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.57), listed as four 30-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 12403
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123	3.58	3.58	Structure	Pump Station	Water Side and Land Side	Remarks: Pumping plant 3. There are 4 RCP pipes through levee. 4 valves at mid waterside slope. Flap gates on waterside. Entry Last Updated : 1/14/2020	USACEINSPECT 12403 18533
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125	3.58	3.58	Ramp	Ramp	Water Side and Land Side	Two access ramps on landside and Two ramps on waterside. Adjacent to pumping plant 3. Permit 12403 is for two landside access ramps. Entry Last Updated : 1/14/2020	USACEINSPECT 12403
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

30	3.58	3.58	UCIP	Pipe	Crossing	DS_ID:16897 EP_NO: 12403 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 3] 3 of 4: 30-inch reinforced concrete drainage pipe through the levee, 13.4 feet below the crown to center line of the pipes. Flap gates and slide gates in outlet structure and reinforced concrete "U" headwall and splash apron on discharge end of the pipes on the waterside (WS). Four 200 horsepower motors inside pumping plant structure located on the landside (LS). Pump station built in 1979. New Sutter Bypass Pumping Plant No. 3 replaces State Drainage Pumping Plant No. 3. Design drawings available in permit. (four 30-inch discharge pipes authorized under Permit No. 12403, 1979 - Department of Water Resources). [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.57), listed as four 30-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 12403
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31	3.58	3.58	UCIP	Pipe	Crossing	DS_ID:16898 EP_NO: 12403 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 3] 4 of 4: 30-inch reinforced concrete drainage pipe through the levee, 13.4 feet below the crown to center line of the pipes. Flap gates and slide gates in outlet structure and reinforced concrete "U" headwall and splash apron on discharge end of the pipes on the waterside (WS). Four 200 horsepower motors inside pumping plant structure located on the landside (LS). Pump station built in 1979. New Sutter Bypass Pumping Plant No. 3 replaces State Drainage Pumping Plant No. 3. Design drawings available in permit. (four 30-inch discharge pipes authorized under Permit No. 12403, 1979 - Department of Water Resources). [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.57), listed as four 30-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 12403
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122	3.59	3.59	Structure	Stairs	Land Side	Concrete stairs on the waterside slope and stream gage at waterside toe. Entry Last Updated : 1/14/2020	USACEINSPECT
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4	3.63	3.63	Ramp	Ramp	Land Side	Landside access ramp. Entry Last Updated : 1/14/2020	LEVEELOG 12403
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121	3.64	4.22	At Grade	Road / Highway	Land Side	Gravel Road running parallel to levee along LS levee toe. Entry Last Updated : 4/27/2017	LEVEELOG
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281	4.07	4.22	Fence	Barbed Wire	Land Side	Barbed wire fence within 10ft of LS levee toe. Entry Last Updated : 4/27/2017	LEVEELOG
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
127	4.24	4.24	Ramp	Ramp	Water Side	15 foot wide access ramp on waterside. Entry Last Updated : 1/14/2020	USACEINSPECT		
128	4.25	4.25	Revetment	Rock	Crown	Rock revetment on WS hinge at crown. Entry Last Updated : 4/27/2017	LEVEELOG		
129	4.25	4.25	Fence	Metal	Crown	3 inch diameter pipe fence on waterside crown for 40 feet. Entry Last Updated : 1/13/2020	USACEINSPECT		
282	4.25	4.31	Ditches	Unlined	Crossing	Wadsworth Canal; Levee ends at and starts up again on the other side of Wadsworth Canal. Entry Last Updated : 1/15/2020	LEVEELOG		
283	4.25	4.25	Ramp	Ramp	Water Side	15 foot wide access ramp on waterside. Entry Last Updated : 1/14/2020	LEVEELOG		
131	4.31	4.33	Fence	Barbed Wire	Land Side	Fence at toe. Entry Last Updated : 1/9/2020	USACEINSPECT		
18	4.33	4.33	Structure	Pole - Utility	Land Side	Utility pole and guy wire, overhead power lines crossing levee. Entry Last Updated : 1/15/2020	LEVEELOG 10844		
130	4.33	4.33	Aerial	High Voltage	Crossing	Utility pole and guy wire, overhead power lines crossing levee. Entry Last Updated : 1/15/2020	USACEINSPECT 10844		
132	4.34	4.34	Ramp	Ramp	Water Side and Land Side	Ramps on waterside to S and landside to E. Entry Last Updated : 1/14/2020	USACEINSPECT		
139	4.36	5.29	Structure	Stability Berm	Water Side	Toe berm. 16' wide x 3' high. Entry Last Updated : 1/14/2020	USACEINSPECT		
133	4.39	4.39	Structure	Monitoring Well	Water Side	2 monitoring wells, toe. Entry Last Updated : 1/13/2020	USACEINSPECT		
20	4.39	4.39	Fence	Metal	Water Side and Land Side	Fence and gate. Entry Last Updated : 1/15/2020	LEVEELOG		
134	4.39	4.39	Gate	Metal	Crossing	Fence and gate. Entry Last Updated : 1/13/2020	USACEINSPECT		
135	4.39	4.39	Structure	Bridge	Water Side	Bridge at toe. Entry Last Updated : 1/9/2020	USACEINSPECT		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
334	4.41	4.41	Aerial	High Voltage	Crossing	Entry Last Updated : 1/16/2020	GEILEVEELOG		
285	4.44	4.44	Mark	Marker	Crown	Levee Mile Marker 4.5 Entry Last Updated : 5/2/2017	LEVEELOG		
21	4.70	4.70	Structure	Pole - Utility	Water Side	Utility pole and guy wires, waterside, overhead power lines crossing levee. Entry Last Updated : 1/15/2020	LEVEELOG		
136	4.70	4.70	Aerial	High Voltage	Crossing	Utility pole and guy wires, waterside, overhead power lines crossing levee. Entry Last Updated : 1/10/2020	USACEINSPECT		
286	4.93	4.93	Mark	Marker	Crown	Levee Mile Marker 5.0 Entry Last Updated : 5/2/2017	LEVEELOG		
287	5.19	5.19	Ramp	Ramp	Water Side	Ramp on WS slope. Entry Last Updated : 5/2/2017	LEVEELOG		
138	5.22	5.26	Structure	Weir	Water Side	Wier. Entry Last Updated : 1/14/2020	USACEINSPECT 18400		
99	5.23	5.23	Gate	Metal	Crown	Broken gate and fence. Entry Last Updated : 1/15/2020	LEVEELOG		
137	5.23	5.23	Fence	Metal	Water Side and Land Side	Broken gate and fence. Entry Last Updated : 1/13/2020	USACEINSPECT		
33	5.25	5.25	UCIP	Pipe	Crossing	DS_ID:17016 EP_NO: 18400 Crossing Status: Found FIELD_STRUCT_DESC: 1 of 6: 1.5-inch concrete encased stainless steel air line through the levee, 9 inches below the crown to top of pipe. Pipe originates at 12-foot by 16-foot control building on the landside (LS) shoulder and terminates at weir structure. Design drawings available. (two 1.5-inch air lines and three 2-inch electrical conduits authorized under Permit No. 18400, 2012 - Department of Water Resources, Division of Flood Management, work authorized also includes replacing existing Weir No. 2, fish ladder with new weir, concrete pad, building, and utility poles). Entry Last Updated : 4/17/2021	UCIPAPR2021 18400		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

34	5.25	5.25	UCIP	Pipe	Crossing	DS_ID:17017 EP_NO: 18400 Crossing Status: Found FIELD_STRUCT_DESC: 2 of 6: 1.5-inch concrete encased stainless steel air line through the levee, 9 inches below the crown to top of pipe. Pipe originates at 12-foot by 16-foot control building on the landside (LS) shoulder and terminates at weir structure. Design drawings available. (two 1.5-inch air lines and three 2-inch electrical conduits authorized under Permit No. 18400, 2012 - Department of Water Resources, Division of Flood Management, work authorized also includes replacing existing Weir No. 2, fish ladder with new weir, concrete pad, building, and utility poles). Entry Last Updated : 4/17/2021	UCIPAPR2021 18400
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36	5.25	5.25	UCIP	Pipe	Crossing	DS_ID:17018 EP_NO: 18400 Crossing Status: Found FIELD_STRUCT_DESC: 3 of 6: 1.5-inch concreted encased stainless steel air line through the levee, 9 inches below the crown to top of pipe. Pipe originates at 12-foot by 16-foot control building on the landside (LS) shoulder and terminates at weir structure. Design drawings available. (two 1.5-inch air lines and three 2-inch electrical conduits authorized under Permit No. 18400, 2012 - Department of Water Resources, Division of Flood Management, work authorized also includes replacing existing Weir No. 2, fish ladder with new weir, concrete pad, building, and utility poles). Entry Last Updated : 4/17/2021	UCIPAPR2021 18400
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37	5.25	5.25	UCIP	Conduit	Crossing	DS_ID:17019 EP_NO: 18400 Crossing Status: Found FIELD_STRUCT_DESC: 4 of 6: 2.75-inch concrete encased polyvinyl chloride (PVC) electrical conduit through the levee, 9-inches below the crown to top of pipe. Pipe originates at 12-foot by 16-foot control building on the landside (LS) shoulder and terminates at weir structure. Design drawings available. (two 1.5-inch air lines and three 2-inch electrical conduits authorized under Permit No. 18400, 2012 - Department of Water Resources, Division of Flood Management, work authorized also includes replacing existing Weir No. 2, fish ladder with new weir, concrete pad, building, and utility poles). Entry Last Updated : 4/17/2021	UCIPAPR2021 18400
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

35	5.25	5.25	UCIP	Conduit	Crossing	DS_ID:17020 EP_NO: 18400 Crossing Status: Found FIELD_STRUCT_DESC: 5 of 6: 2.75-inch concrete encased polyvinyl chloride (PVC) electrical conduit through the levee, 9 inches below the crown to top of pipe. Pipe originates at 12-foot by 16-foot control building on the landside (LS) shoulder and terminates at weir structure. Design drawings available. (two 1.5-inch air lines and three 2-inch electrical conduits aurohotized under Permit No. 18400, 2012 - Department of Water Resources, Division of Flood Management, work authorized also includes replacing existing Weir No. 2, fish ladder with new weir, concrete pad, building, and utility poles). Entry Last Updated : 4/17/2021	UCIPAPR2021 18400
32	5.25	5.25	UCIP	Conduit	Crossing	DS_ID:17021 EP_NO: 18400 Crossing Status: Found FIELD_STRUCT_DESC: 6 of 6: 4-inch (approximate) polyvinyl chloride (PVC) electrical conduit on levee slope with 2.5 feet of cover on the slope. Pipe originates at south corner of building on the landside (LS) shoulder and terminates at weir on the waterside (WS) slope. Design drawings available. (two 1.5-inch air lines and three 2-inch electrical conduits aurohotized under Permit No. 18400, 2012 - Department of Water Resources, Division of Flood Management, work authorized also includes replacing existing Weir No. 2, fish ladder with new weir, concrete pad, building, and utility poles). Entry Last Updated : 4/17/2021	UCIPAPR2021 18400
140	5.29	5.29	Ramp	Ramp	Water Side and Land Side	Ramps, WS to N, LS to E. Entry Last Updated : 1/14/2020	USACEINSPECT
288	5.30	10.80	At Grade	Road / Highway	Water Side and Land Side	Gravel road at LS toe and WS bench running parallel to levee. Entry Last Updated : 5/2/2017	LEVEELOG
141	5.32	5.32	Ramp	Ramp	Water Side	Ramp to S. Entry Last Updated : 1/14/2020	USACEINSPECT
119	5.42	5.42	Fence	Metal	Water Side and Land Side	Fence and gate. Entry Last Updated : 1/15/2020	LEVEELOG
142	5.42	5.42	Gate	Metal	Crossing	Fence and gate. Entry Last Updated : 1/13/2020	USACEINSPECT
289	5.42	5.42	Mark	Marker	Crown	Levee Mile Marker 5.5 Entry Last Updated : 5/2/2017	LEVEELOG

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
290	5.94	5.94	Mark	Marker	Crown	Levee Mile Marker 6.0 Entry Last Updated : 5/2/2017	LEVEELOG		
38	6.09	6.09	UCIP	Pipe	Crossing	DS_ID:19983 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 2.5-inch steel pipe of an unknown purpose bored under the levee, at an unknown depth. Pipe has locked caps on both the landside (LS) and the waterside (WS) toe. Steel stairs on the WS slope and steel I-beam stream crossing on the LS toe mark the location of the pipe. No permit has been identified since crossing was field discovered in 2012. Entry Last Updated : 4/17/2021	UCIPAPR2021		
143	6.19	6.19	Structure	Monitoring Well	Water Side	Utility monitoring well?, toe. Entry Last Updated : 1/13/2020	USACEINSPECT		
291	6.42	6.42	Mark	Marker	Crown	Levee Mile Marker 6.5 Entry Last Updated : 5/2/2017	LEVEELOG		
292	6.90	6.90	Mark	Marker	Crown	Levee Mile Marker 7.0 Entry Last Updated : 5/2/2017	LEVEELOG		
144	7.38	7.38	Ramp	Ramp	Water Side	Ramp to N. Entry Last Updated : 1/14/2020	USACEINSPECT 14092		
39	7.38	7.38	UCIP	Pipe	Crossing	DS_ID:16857 EP_NO: 13800 Crossing Status: Not Found FIELD_STRUCT_DESC: *ABANDONED w/ PERMIT* 8-inch steel natural gas pipeline through the levee, 2 feet below the crown. Line connects to existing pipeline. The 8-inch natural gas pipeline goes through both levees and under the Sutter Bypass to a cogeneration facility. In 2002, the existing 8-inch pipe was cut, slurried, capped and abandoned in place due to a leak. Design drawings available. This pipe was replaced by a 6-inch pipe on the south side of Hughes Road. (8-inch line authorized under Permit No. 13800, 1984 - Greenleaf Power Corp. [Reassigned to Pacific Gas and Electric Company [PG&E] through permit correspondence file dated March 15, 1988]. 8-inch line abandoned under Permit No. 13800-A, 2002 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 2005 (HLM 7.50), listed as 8-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13800		
124	7.39	7.39	Fence	Metal	Water Side and Land Side	Fence and gate. Entry Last Updated : 1/15/2020	LEVEELOG		

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

145	7.39	7.39	Gate	Metal	Crossing	Fence and gate. Entry Last Updated : 1/13/2020	USACEINSPECT
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294	7.39	7.39	Mark	Marker	Crown	Levee Mile Marker 7.5 Entry Last Updated : 5/2/2017	LEVEELOG
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148	7.40	7.40	Structure	Bridge	Crossing	Road and bridge. Entry Last Updated : 1/9/2020	USACEINSPECT 16729 6978
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160	7.40	7.40	At Grade	Road / Highway	Crossing	Road and bridge. Entry Last Updated : 1/15/2020	LEVEELOG
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293	7.40	7.40	Revetment	Rock	Water Side	Rock revetment on slope underneath Hughes Road Bridge. Entry Last Updated : 5/2/2017	LEVEELOG 16729
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40	7.41	7.41	UCIP	Pipe	Crossing	DS_ID:16886 EP_NO: 13800A Crossing Status: Indicator Found FIELD_STRUCT_DESC: *BORED UNDER LEVEE* 6-inch steel natural gas pipeline bored under the levee, 67 feet under the levee. The natural gas pipeline was installed using the directional bore method through both levees and under the Sutter Bypass and tying back to existing pipeline. Alignment approximately 15 feet south of bridge. Gas line marker on south side of Hughes Road, approximately 450 feet east of the crown. As-built drawing available. This pipeline replaces an 8-inch pipe constructed north of the bridge under Permit No. 13800. (6-inch pipe installed under Permit No. 13800-A, 2002 - Pacific Gas and Electric Company [PG&E] to replace existing 8-inch pipe authorized under Permit No. 13800, 1989 - Greenleaf Power Corp. [Re-assigned to PG&E]). Entry Last Updated : 4/17/2021	UCIPAPR2021 13800A
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147	7.41	7.41	Gate	Metal	Crossing	Gate and fence. Entry Last Updated : 1/13/2020	USACEINSPECT
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211	7.41	7.41	Fence	Metal	Water Side and Land Side	Gate and fence. Entry Last Updated : 1/15/2020	LEVEELOG
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

41	7.42	7.42	UCIP	Pipe	Crossing	DS_ID:16891 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 36-inch drainage pipe of an unknown material through the levee, at an unknown depth. Pipe has been abandoned and filled with concrete. Date of abandonment unknown. Pipe debris from large corrugated metal pipe (CMP) along waterside (WS) toe at stream bank. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 762+00), listed as 36-inch pipe, section 2 pdf page 13 notes "Pipe abandoned - Plugged with concrete". USACE As-built Drawing No. 50-4-1946-2 (pdf file name 50-04-1646), Part B, Drawing No. 1, page 1 of 4 pdf file, note states pipe no long in use, has been plugged (note is near Oswald Road), August 1941] Entry Last Updated : 4/17/2021	UCIPAPR2021
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146	7.45	7.45	Ramp	Ramp	Water Side	Ramp to S. Entry Last Updated : 1/14/2020	USACEINSPECT
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42	7.47	7.47	UCIP	Pipe	Crossing	DS_ID:19985 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: Steel gas line of an unknown size crosses the levee at an unknown depth. Carsonite sign located on the waterside (WS) shoulder and at the landside (LS) toe across the toe ditch. Line is owned by Calpine Pipeline Company. No permit has been identified since crossing was field discovered in 2012. Entry Last Updated : 4/17/2021	UCIPAPR2021
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149	7.88	7.88	Mark	Marker	Crown	Levee Mile Marker 8.0 Entry Last Updated : 5/2/2017	LEVEELOG
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43	8.14	8.14	UCIP	Pipe	Crossing	DS_ID:19984 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 2.5-inch steel pipe of an unknown purpose bored under the levee, at an unknown depth. Pipe has locked cap on the landside (LS) toe. Steel I-beam stream crossing on the LS toe marks the location of the pipe. Waterside (WS) marker of pipe crossing is not identified. No permit has been identified since crossing was field discovered in 2012. Entry Last Updated : 4/17/2021	UCIPAPR2021
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153	8.18	8.18	Ramp	Ramp	Land Side	Ramp to S. Entry Last Updated : 1/14/2020	USACEINSPECT
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154	8.18	8.18	Structure	Stairs	Water Side	Concrete staircase poles, gravel ramps parallel to slope. Entry Last Updated : 1/15/2020	USACEINSPECT
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

155	8.27	8.27	Ramp	Ramp	Land Side	Ramp to N. Entry Last Updated : 1/14/2020	USACEINSPECT
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236	8.28	8.28	Mark	Marker	Crown	Levee Mile Marker 8.5 Entry Last Updated : 1/15/2020	LEVEELOG
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151	8.38	8.38	Mark	Marker	Crown	Levee Mile Marker 8.5 Entry Last Updated : 5/2/2017	LEVEELOG
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44	8.65	8.65	UCIP	Pipe	Crossing	DS_ID:16885 EP_NO: 2888 Crossing Status: Not Found FIELD_STRUCT_DESC: 15-inch steel irrigation pipe through the levee, at an unknown depth. Pump on piles in borrow pit. Questionable if this crossing was installed. (15-inch pipe authorized under Permit No. 2888, 1964 - U.S. Department of the Interior, Fish and Wildlife Service). Entry Last Updated : 4/17/2021	UCIPAPR2021 2888
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295	8.85	8.85	Mark	Marker	Crown	Levee Mile Marker 9.0 Entry Last Updated : 5/2/2017	LEVEELOG
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296	9.37	9.37	Mark	Marker	Crown	Levee Mile Marker 9.5 Entry Last Updated : 5/2/2017	LEVEELOG
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297	9.92	9.92	Mark	Marker	Crown	Levee Mile Marker 10.0 Entry Last Updated : 5/2/2017	LEVEELOG
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156	10.24	10.24	Gate	Metal	Crossing	Gate and fence. Entry Last Updated : 1/13/2020	USACEINSPECT
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240	10.24	10.24	Fence	Metal	Water Side and Land Side	Gate and fence. Entry Last Updated : 1/15/2020	LEVEELOG
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157	10.26	10.26	Ramp	Ramp	Water Side and Land Side	Ramps on landside and waterside slopes to S. Entry Last Updated : 1/14/2020	USACEINSPECT
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

45	10.28	10.28	UCIP	Pipe	Crossing	DS_ID:16884 EP_NO: 14455-1 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 1 of 3: 4.5-inch steel natural gas pipeline through the levee, 2 feet below the crown. Pipes were placed in same trench, 1 foot apart. Gas line markers located on the landside (LS) toe and the waterside (WS) shoulder. Owner listed on markers is California Resources Corporation (CRC) and can be reached in case of emergency at 1-661-763-6363. For dig alert, call 811 or USA North 1-800-227-2600. (underground natural gas pipeline across Sutter Bypass and through both levees authorized under Permit No. 14455, 1986 - Depco, Inc.; name and ownership change for underground natural gas line was authorized under Permit No. 14455-1, 2016 - California Resources Production Corporation [CRC]). Entry Last Updated : 4/17/2021	UCIPAPR2021 14455 14455-1
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46	10.28	10.28	UCIP	Pipe	Crossing	DS_ID:16899 EP_NO: 14455 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 2 of 3: 4.5-inch steel natural gas pipeline through the levee, 2 feet below the crown. Pipes were placed in same trench, 1 foot apart. Gas line markers located on the landside (LS) toe and the waterside (WS) shoulder. Owner listed on markers is California Resources Corporation (CRC) and can be reached in case of emergency at 1-661-763-6363. For dig alert, call 811 or USA North 1-800-227-2600. (underground natural gas pipeline across Sutter Bypass and through both levees authorized under Permit No. 14455, 1986 - Depco, Inc.; name and ownership change for underground natural gas line was authorized under Permit No. 14455-1, 2016 - California Resources Production Corporation [CRC]). Entry Last Updated : 4/17/2021	UCIPAPR2021 14455
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47	10.28	10.28	UCIP	Pipe	Crossing	DS_ID:16900 EP_NO: 14455 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 3 of 3: 4.5-inch steel natural gas pipeline through the levee, 2 feet below the crown. Pipes were placed in same trench, 1 foot apart. Gas line markers located on the landside (LS) toe and the waterside (WS) shoulder. Owner listed on markers is California Resources Corporation (CRC) and can be reached in case of emergency at 1-661-763-6363. For dig alert, call 811 or USA North 1-800-227-2600. (underground natural gas pipeline across Sutter Bypass and through both levees authorized under Permit No. 14455, 1986 - Depco, Inc.; name and ownership change for underground natural gas line was authorized under Permit No. 14455-1, 2016 - California Resources Production Corporation [CRC]). Entry Last Updated : 4/17/2021	UCIPAPR2021 14455
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee						Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source	
	Start	End					Permits	
298	10.28	10.28	Revetment	Rock	Water Side	Rock revetment at WS bank. Entry Last Updated : 5/2/2017	LEVEELOG	
158	10.30	10.30	Structure	Bridge	Water Side	Bridge at toe. Entry Last Updated : 1/9/2020	USACEINSPECT 6963	
161	10.36	10.36	Ramp	Ramp	Water Side and Land Side	Ramps on waterside and landside slopes to N. Entry Last Updated : 1/14/2020	USACEINSPECT	
159	10.72	10.72	Structure	Post	Land Side	Abandoned gate. Entry Last Updated : 1/15/2020	LEVEELOG	
162	10.72	10.72	Ramp	Ramp	Land Side	Ramp to E Entry Last Updated : 1/14/2020	USACEINSPECT 13021	
165	10.77	10.77	Ramp	Ramp	Water Side and Land Side	Ramp on WS slope. Entry Last Updated : 1/15/2020	LEVEELOG	
48	10.78	10.78	UCIP	Pipe	Crossing	DS_ID:16870 EP_NO: 13021 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 2] 1 of 6: 54-inch reinforced concrete discharge pipe through the levee, 21.2 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure, and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 350 horsepower motor inside pumping plant structure on the landside (LS). New Sutter Bypass Pumping Plant No. 2 replaced State Drainage Pumping Plant No. 2 in 1982. Design drawings available in permit. (six 54-inch discharge pipes were authorized under Permit No. 13021, 1981 - Department of Water Resources, Floodway Management Section). [Additional Reference(s): DWR Levee Log, 2005 (HLM 10.93), listed as six 54-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13021	

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

49	10.78	10.78	UCIP	Pipe	Crossing	DS_ID:16901 EP_NO: 13021 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 2] 2 of 6: 54-inch reinforced concrete discharge pipe through the levee, 21.2 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure, and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 350 horsepower motor inside pumping plant structure on the landside (LS). New Sutter Bypass Pumping Plant No. 2 replaced State Drainage Pumping Plant No. 2 in 1982. Design drawings available in permit. (six 54-inch discharge pipes were authorized under Permit No. 13021, 1981 - Department of Water Resources, Floodway Management Section). [Additional Reference(s): DWR Levee Log, 2005 (HLM 10.93), listed as six 54-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13021
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50	10.78	10.78	UCIP	Pipe	Crossing	DS_ID:16902 EP_NO: 13021 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 2] 3 of 6: 54-inch reinforced concrete discharge pipe through the levee, 21.2 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure, and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 350 horsepower motor inside pumping plant structure on the landside (LS). New Sutter Bypass Pumping Plant No. 2 replaced State Drainage Pumping Plant No. 2 in 1982. Design drawings available in permit. (six 54-inch discharge pipes were authorized under Permit No. 13021, 1981 - Department of Water Resources, Floodway Management Section). [Additional Reference(s): DWR Levee Log, 2005 (HLM 10.93), listed as six 54-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

51	10.78	10.78	UCIP	Pipe	Crossing	DS_ID:16903 EP_NO: 13021 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 2] 4 of 6: 54-inch reinforced concrete discharge pipe through the levee, 21.2 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure, and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 350 horsepower motor inside pumping plant structure on the landside (LS). New Sutter Bypass Pumping Plant No. 2 replaced State Drainage Pumping Plant No. 2 in 1982. Design drawings available in permit. (six 54-inch discharge pipes were authorized under Permit No. 13021, 1981 - Department of Water Resources, Floodway Management Section). [Additional Reference(s): DWR Levee Log, 2005 (HLM 10.93), listed as six 54-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13021
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52	10.79	10.79	UCIP	Pipe	Crossing	DS_ID:16904 EP_NO: 13021 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 2] 5 of 6: 54-inch reinforced concrete discharge pipe through the levee, 21.2 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure, and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 350 horsepower motor inside pumping plant structure on the landside (LS). New Sutter Bypass Pumping Plant No. 2 replaced State Drainage Pumping Plant No. 2 in 1982. Design drawings available in permit. (six 54-inch discharge pipes were authorized under Permit No. 13021, 1981 - Department of Water Resources, Floodway Management Section). [Additional Reference(s): DWR Levee Log, 2005 (HLM 10.93), listed as six 54-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

53	10.79	10.79	UCIP	Pipe	Crossing	DS_ID:16905 EP_NO: 13021 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 2] 6 of 6: 54-inch reinforced concrete discharge pipe through the levee, 21.2 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure, and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 350 horsepower motor inside pumping plant structure on the landside (LS). New Sutter Bypass Pumping Plant No. 2 replaced State Drainage Pumping Plant No. 2 in 1982. Design drawings available in permit. (six 54-inch discharge pipes were authorized under Permit No. 13021, 1981 - Department of Water Resources, Floodway Management Section). [Additional Reference(s): DWR Levee Log, 2005 (HLM 10.93), listed as six 54-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13021
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168	10.79	10.79	Structure	Pole - Utility	Land Side	Utility pole Entry Last Updated : 1/13/2020	USACEINSPECT
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299	10.80	10.80	Ramp	Ramp	Water Side and Land Side	Ramp on LS and WS slope. Entry Last Updated : 1/15/2020	LEEVELOG 13021
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163	10.82	10.82	Structure	Gauge	Water Side	Stage gauge, toe. Entry Last Updated : 1/10/2020	USACEINSPECT
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255	10.82	10.82	Structure	Pole - Utility	Land Side	Utility pole Entry Last Updated : 1/16/2020	LEEVELOG
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164	10.82	10.82	Structure	Building	Land Side	Abandoned pump station and associated ring levee. Entry Last Updated : 1/9/2020	USACEINSPECT 1357
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

54	10.83	10.83	UCIP	Pipe	Crossing	DS_ID:16871 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Pumping Plant No. 2] 1 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Wood flap gate and concrete headwall on the waterside (WS) end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005 (HLM 11.00), listed as five 4-foot by 6-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 582+19), listed as five 4-foot by 6-foot concrete conduits with flap gates referenced as Pumping Plant No.2. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Station 582+19.30, Drawing No. 5, page 5 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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55	10.83	10.83	UCIP	Pipe	Crossing	DS_ID:16906 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Pumping Plant No. 2] 2 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Wood flap gate and concrete headwall on the waterside (WS) end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005 (HLM 11.00), listed as five 4-foot by 6-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 582+19), listed as five 4-foot by 6-foot concrete conduits with flap gates referenced as Pumping Plant No.2. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Station 582+19.30, Drawing No. 5, page 5 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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56	10.83	10.83	UCIP	Pipe	Crossing	DS_ID:16907 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Pumping Plant No. 2] 3 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Slide gate in concrete well on the waterside (WS) shoulder. Wood flap gate and concrete headwall on the WS end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005 (HLM 11.00), listed as five 4-foot by 6-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 582+19), listed as five 4-foot by 6-foot concrete conduits with flap gates referenced as Pumping Plant No.2. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Station 582+19.30, Drawing No. 5, page 5 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

57	10.83	10.83	UCIP	Pipe	Crossing	DS_ID:16908 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Pumping Plant No. 2] 4 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Slide gate in concrete well on the waterside (WS) shoulder. Wood flap gate and concrete headwall on the WS end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005 (HLM 11.00), listed as five 4-foot by 6-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 582+19), listed as five 4-foot by 6-foot concrete conduits with flap gates referenced as Pumping Plant No.2. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Station 582+19.30, Drawing No. 5, page 5 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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58	10.83	10.83	UCIP	Pipe	Crossing	DS_ID:16909 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Pumping Plant No. 2] 5 of 5: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 31.5 feet below the crown. Slide gate in concrete well on the waterside (WS) shoulder. Wood flap gate and concrete headwall on the WS end. Wooden steps on the landside (LS) slope. Concrete steps on the WS end. [Additional Reference(s): DWR Levee Log, 2005 (HLM 11.00), listed as five 4-foot by 6-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 582+19), listed as five 4-foot by 6-foot concrete conduits with flap gates referenced as Pumping Plant No.2. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Station 582+19.30, Drawing No. 5, page 5 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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167	10.83	10.83	Structure	Pressure Breaker	Water Side	Siphon breaker, waterside (pipeline through levee?). Entry Last Updated : 1/13/2020	USACEINSPECT 3165
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

59	10.84	10.84	UCIP	Pipe	Crossing	DS_ID:16872 EP_NO: 3165 Crossing Status: Found FIELD_STRUCT_DESC: 10-inch drainage pipe through the levee, 2 feet below the crown. Siphon breaker in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) shoulder. Flap gate on the WS end. Minimalistic design drawings available. (two 10-inch pipes, different locations, authorized under Permit No. 3165, 1959 - State of California Department of Water Resources [DWR], pipes are for the purpose of providing an auxillary sump pump at each pumping plant). [Additional Reference(s): DWR Levee Log, 2005 (HLM 11.00), listed as 10-inch pipe 7 feet below the crown]. Entry Last Updated : 4/17/2021	UCIPAPR2021 3165
258	10.84	10.84	Structure	Pole - Utility	Land Side	Utility pole Entry Last Updated : 1/16/2020	LEVEELOG 2280
350	10.84	10.84	Structure	Pole - Utility	Crown	Utility pole Entry Last Updated : 1/16/2020	LEVEELOG 2280
301	10.84	10.84	Aerial	High Voltage	Crossing	Power line crosses levee. Entry Last Updated : 5/2/2017	LEVEELOG 2280
302	10.85	10.85	Ramp	Ramp	Land Side	Ramp to O'Banion Rd. Entry Last Updated : 5/2/2017	LEVEELOG
60	10.85	10.85	UCIP	Pipe	Crossing	DS_ID:19986 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: Gas pipeline of an unknown size or material crosses the levee, at an unknown depth. Carsonite signs on both the landside (LS) and the waterside (WS) shoulder. Pipeline is owned by Calpine Pipeline Company. No permit has been identified since crossing was field discovered in 2012. Entry Last Updated : 4/17/2021	UCIPAPR2021
170	10.92	10.92	Gate	Metal	Crown	Gate and fence. Entry Last Updated : 1/13/2020	USACEINSPECT
242	10.92	10.92	Fence	Metal	Water Side and Land Side	Gate and fence. Entry Last Updated : 1/15/2020	LEVEELOG
169	10.92	10.92	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 5/2/2017	LEVEELOG

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
259	10.97	10.97	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
260	11.02	11.02	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
303	11.02	11.02	Mark	Marker	Crown	Mile marker 11.00 on LS hinge of crown. Entry Last Updated : 5/2/2017	LEVEELOG		
261	11.07	11.07	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
262	11.12	11.12	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
263	11.17	11.17	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
284	11.22	11.22	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
300	11.27	11.27	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
328	11.32	11.32	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
171	11.34	11.34	Mark	Marker	Crown	Mile marker 11.5 on LS hinge of crown. Entry Last Updated : 5/2/2017	LEVEELOG		
329	11.37	11.37	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
330	11.42	11.42	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
245	11.52	11.52	Structure	Pole - Utility	Land Side	Utility line crosses levee. Entry Last Updated : 1/15/2020	LEVEELOG		
304	11.52	11.52	Aerial	High Voltage	Crossing	Utility line crosses levee. Entry Last Updated : 5/2/2017	LEVEELOG 5664		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
331	11.61	11.61	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
332	11.66	11.66	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
333	11.71	11.71	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
335	11.81	11.81	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
305	11.85	11.85	Mark	Marker	Land Side	Mile marker 12 at LS hinge of crown. Entry Last Updated : 5/2/2017	LEVEELOG		
336	11.86	11.86	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
337	11.91	11.91	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
338	11.96	11.96	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
339	12.01	12.01	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
340	12.06	12.06	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
341	12.11	12.11	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
342	12.16	12.16	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
343	12.21	12.21	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
344	12.26	12.26	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
345	12.30	12.30	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
346	12.35	12.35	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
306	12.37	12.37	Mark	Marker	Crown	Mile marker 12.5 on LS hinge of crown. Entry Last Updated : 5/2/2017	LEVEELOG		
347	12.40	12.40	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
348	12.45	12.45	Structure	Pole - Utility	Land Side	Power pole on LS toe. Entry Last Updated : 1/16/2020	LEVEELOG		
349	12.45	12.45	Structure	Pole - Utility	Crown	Power pole Entry Last Updated : 1/16/2020	LEVEELOG		
172	12.45	12.45	Aerial	High Voltage	Crossing	Utility pole w lines crossing levee, waterside. Entry Last Updated : 1/15/2020	USACEINSPECT		
351	12.75	12.75	Structure	Pole - Utility	Crown	Power pole Entry Last Updated : 1/16/2020	LEVEELOG 2140		
307	12.75	12.75	Aerial	High Voltage	Crossing	Utility pole w lines crossing levee, landside. Entry Last Updated : 1/10/2020	LEVEELOG 2140		
174	12.77	12.77	Ramp	Ramp	Water Side	Ramp to N Entry Last Updated : 1/14/2020	USACEINSPECT		
308	12.83	12.83	Mark	Marker	Crown	Mile marker 13 on LS hinge of crown. Entry Last Updated : 5/2/2017	LEVEELOG		
175	12.90	12.90	Ramp	Ramp	Land Side	Ramp to S Entry Last Updated : 1/14/2020	USACEINSPECT		



## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

61	12.94	12.94	UCIP	Pipe	Crossing	DS_ID:16883 EP_NO: 15571 Crossing Status: Not Found FIELD_STRUCT_DESC: 10.75-inch steel gas pipeline through the levee, 2 feet below the crown. Pipeline was installed within the flowage area and both levees of the Sutter Bypass. Design drawings are available. (10-inch pipe authorized under Permit No. 15571, 1990 - Hood Corporation). Entry Last Updated : 4/17/2021	UCIPAPR2021 15571
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177	13.02	13.02	Ramp	Ramp	Land Side	Ramp to N Entry Last Updated : 1/14/2020	USACEINSPECT
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173	13.29	13.29	Mark	Marker	Crown	Mile marker 13.5 at LS hinge of crown. Entry Last Updated : 5/2/2017	LEVEELOG
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352	13.35	13.35	Structure	Pole - Utility	Crown	Power pole Entry Last Updated : 1/16/2020	LEVEELOG
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178	13.35	13.35	Aerial	High Voltage	Crossing	Utility pole, waterside. w overhead lines. permit no 11775? Entry Last Updated : 1/15/2020	USACEINSPECT
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62	13.35	13.35	UCIP	Pipe	Crossing	DS_ID:16873 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 18-inch irrigation pipe of an unknown material through the levee, 5.5 feet below the crown. Pipe measures 16 inches at pump and on the landside (LS) outlet. Siphon breaker in a 16-inch corrugated metal pipe (CMP) riser unit on the LS slope. Pump on pile structure in the channel. Meter and pole on the waterside (WS). [Additional Reference(s): DWR Levee Log, 2005 (HLM 13.55), listed as 18-inch pipe. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 449+15), listed as 18-inch pipe. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Drawing No. 4, page 4 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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180	13.52	13.52	Aerial	High Voltage	Crossing	Utility pole and overhead powerlines, waterside. Entry Last Updated : 1/10/2020	USACEINSPECT
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353	13.53	13.53	Structure	Pole - Utility	Crown	Power pole Entry Last Updated : 1/16/2020	LEVEELOG
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176	14.32	14.32	Mark	Marker	Crown	Mile marker 14.5 on LS hinge of crown. Entry Last Updated : 5/2/2017	LEVEELOG
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
63	14.50	14.50	UCIP	Pipe	Crossing	DS_ID:16874 EP_NO: 1674 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch steel irrigation pipe through the levee, 4 feet below the crown. Siphon breaker in an 18-inch polyvinyl chloride (PVC) pipe riser unit on the landside (LS) shoulder. 24-inch concrete standpipe in field on the LS. Vertical pump on a steel pile structure on the waterside (WS). Minimal design drawings available. (20-inch pipe referenced in Permit No. 1674, 1952 - Juan Etcheverry). [Additional Reference(s): DWR Levee Log, 2005 (HLM 14.68), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 1674
182	14.50	14.50	Aerial	High Voltage	Crossing	High Power crossing Entry Last Updated : 1/16/2020	USACEINSPECT 1777
247	14.50	14.50	Structure	Pole - Utility	Land Side	utility pole and guy wire on landside shoulder Entry Last Updated : 1/16/2020	LEVEELOG 1777
248	14.50	14.50	Structure	Pole - Utility	Water Side	utility pole and guy wire on waterside shoulder Entry Last Updated : 1/16/2020	LEVEELOG 1777
188	14.55	14.55	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	USACEINSPECT
354	14.61	14.61	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG
355	14.66	14.66	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG
185	14.69	14.69	Aerial	High Voltage	Crossing	High voltage power lines crossing levee. Entry Last Updated : 1/10/2020	USACEINSPECT
356	14.71	14.71	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG
357	14.71	14.71	Structure	Pole - Utility	Crown	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

64	14.71	14.71	UCIP	Pipe	Crossing	DS_ID:16875 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee, 3.5 feet below the crown. Siphon breakers in 30-inch steel risers on both the waterside (WS) and the landside (LS) shoulders. Vertical pump on pile structure in stream (removed). [Additional Reference(s): DWR Levee Log, 2005 (HLM 14.89). USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 377+10), listed as 16-inch pipe. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Drawing No. 4, page 4 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
187	14.71	14.71	Aerial	High Voltage	Crossing	Utility pole at waterside w lines crossing levee. Entry Last Updated : 1/10/2020	USACEINSPECT
358	14.78	14.78	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG 4934
179	14.81	14.81	Mark	Marker	Crown	Mile marker 15 at LS hinge of crown Entry Last Updated : 5/2/2017	LEVEELOG
359	14.85	14.85	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG 4934
360	14.93	14.93	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG 4934
361	15.01	15.01	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG 4934
181	15.07	15.07	Aerial	High Voltage	Crossing	Utility line crosses levee crown. Entry Last Updated : 5/2/2017	LEVEELOG 4934
362	15.09	15.09	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG 4934
363	15.09	15.09	Structure	Pole - Utility	Water Side	utility pole on waterside bank Entry Last Updated : 1/16/2020	LEVEELOG 4934
183	15.30	15.30	Mark	Marker	Crown	Mile marker 15.5 at LS hinge of crown. Entry Last Updated : 5/2/2017	LEVEELOG

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

65	15.77	15.77	UCIP	Pipe	Crossing	DS_ID:16892 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 24-inch drainage pipe of an unknown material through the levee, at an unknown depth. Pipe has been abandoned in place and plugged with concrete. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 135, May 1953 (Station 321+15), listed as 24-inch pipe and noted as pipe abandoned - plugged with concrete. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Drawing No. 3, page 3 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
189	15.97	15.97	Gate	Metal	Crown	Gate and fence, waterside and landside. Entry Last Updated : 1/13/2020	USACEINSPECT
191	15.97	15.97	Fence	Metal	Water Side and Land Side	Gate and fence, waterside and landside. Entry Last Updated : 1/15/2020	LEVEELOG
190	15.98	15.98	Ramp	Ramp	Land Side	Ramp to S Entry Last Updated : 1/14/2020	USACEINSPECT 5443
364	16.00	16.00	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG
365	16.00	16.00	Structure	Pole - Utility	Water Side	utility pole at waterside toe. Entry Last Updated : 1/16/2020	LEVEELOG
192	16.00	16.00	Aerial	High Voltage	Crossing	Utility pole, toe, w lines crossing levee. Entry Last Updated : 1/10/2020	USACEINSPECT
184	16.00	16.00	Structure	Pole - Utility	Water Side	Power pole at WS toe. Entry Last Updated : 5/3/2017	LEVEELOG
193	16.02	16.02	Ramp	Ramp	Water Side	Ramp to S Entry Last Updated : 1/14/2020	USACEINSPECT
309	16.03	16.03	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG
196	16.06	16.10	At Grade	Levee	Crown	Asphalt paving of crown near river crossing. Entry Last Updated : 1/14/2020	USACEINSPECT 5443
194	16.06	16.06	At Grade	Road / Highway	Crossing	Highway 113 crossing. Entry Last Updated : 5/3/2017	LEVEELOG 5443

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

186	16.06	16.06	Structure	Bridge	Water Side	Highway 113 bridge crossing sutter bypass. Entry Last Updated : 5/3/2017	LEVEELOG 413
195	16.06	16.06	Revetment	Rock	Water Side	Highway 113 overcrossing with rock revetment. Entry Last Updated : 1/14/2020	USACEINSPECT 5443B
66	16.09	16.09	UCIP	Conduit	Crossing	DS_ID:16882 EP_NO: 17031 Crossing Status: Indicator Found FIELD_STRUCT_DESC: *NOT THROUGH THE LEVEE*8-inch high-density polyethylene (HDPE) conduit containing three 2-inch and three 1.5-inch conduits containing fiber optics cables across and bored under the Sutter Bypass and its levees, 57 feet below the crown. Design drawings available. (8-inch conduit containing three 2-inch and three 1.5-inch conduits authorized under Permit No. 17031, 2000 - Pacific Fiber Link, LLC). Entry Last Updated : 4/17/2021	UCIPAPR2021 17031
67	16.09	16.09	UCIP	Conduit	Crossing	DS_ID:17022 EP_NO: 17031 Crossing Status: Indicator Found FIELD_STRUCT_DESC: DELETE DUP 2 of 6. 2-inch high density polyethylene (HDPE) conduit containing fiber optic cables across and under (bored) Sutter Bypass and its levees. Bored 57-feet under levee crown. Bore hole backfilled with Bentonite. All six conduits installed in same bore hole. Two fiber optic indicator posts installed 1,160-feet north of levee crown along east edge of highway (HWY) 113. Design drawings available. (Permit No. 17031, 2000-Pacific Fiber Link, LLC). Entry Last Updated : 4/17/2021	UCIPAPR2021 17031
68	16.09	16.09	UCIP	Conduit	Crossing	DS_ID:17023 EP_NO: 17031 Crossing Status: Indicator Found FIELD_STRUCT_DESC: DELETE DUP 3 of 6. 2-inch high density polyethylene (HDPE) conduit containing fiber optic cables across and under (bored) Sutter Bypass and its levees. Bored 57-feet under levee crown. Bore hole backfilled with Bentonite. All six conduits installed in same bore hole. Two fiber optic indicator posts installed 1,160-feet north of levee crown along east edge of highway (HWY) 113. Design drawings available (Permit No. 17031, 2000-Pacific Fiber Link, LLC). Entry Last Updated : 4/17/2021	UCIPAPR2021 17031

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

69	16.09	16.09	UCIP	Conduit	Crossing	DS_ID:17024 EP_NO: 17031 Crossing Status: Indicator Found FIELD_STRUCT_DESC: DELETE DUP 4 of 6. 1.5-inch high density polyethylene (HDPE) conduit containing fiber optic cables across and under (bored) Sutter Bypass and its levees. Bored 57-feet under levee crown. Bore hole backfilled with Bentonite. All six conduits installed in same bore hole. Two fiber optic indicator posts installed 1,160-feet north of levee crown along east edge of highway (HWY) 113. Design drawings available (Permit No. 17031, 2000-Pacific Fiber Link, LLC). Entry Last Updated : 4/17/2021	UCIPAPR2021 17031
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70	16.09	16.09	UCIP	Conduit	Crossing	DS_ID:17025 EP_NO: 17031 Crossing Status: Indicator Found FIELD_STRUCT_DESC: DELETE DUP 5 of 6. 1.5-inch high density polyethylene (HDPE) conduit containing fiber optic cables across and under (bored) Sutter Bypass and its levees. Bored 57-feet under levee crown. Bore hole backfilled with Bentonite. All six conduits installed in same bore hole. Two fiber optic indicator posts installed 1,160-feet north of levee crown along east edge of highway (HWY) 113. Design drawings available (Permit No. 17031, 2000-Pacific Fiber Link, LLC). Entry Last Updated : 4/17/2021	UCIPAPR2021 17031
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71	16.09	16.09	UCIP	Conduit	Crossing	DS_ID:17026 EP_NO: 17031 Crossing Status: Indicator Found FIELD_STRUCT_DESC: DELETE DUP 6 of 6. 1.5-inch high density polyethylene (HDPE) conduit containing fiber optic cables across and under (bored) Sutter Bypass and its levees. Bored 57-feet under levee crown. Bore hole backfilled with Bentonite. All six conduits installed in same bore hole. Two fiber optic indicator posts installed 1,160-feet north of levee crown along east edge of highway (HWY) 113. Design drawings available (Permit No. 17031, 2000-Pacific Fiber Link, LLC). Entry Last Updated : 4/17/2021	UCIPAPR2021 17031
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197	16.10	16.10	Structure	Guardrail	Land Side	Guard rail, landside. Entry Last Updated : 1/10/2020	USACEINSPECT
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198	16.10	16.10	Structure	Guardrail	Water Side	Guard rail, waterside. Entry Last Updated : 1/10/2020	USACEINSPECT
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200	16.10	16.10	Ramp	Ramp	Land Side	Ramp to N Entry Last Updated : 1/14/2020	USACEINSPECT 5443
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
366	16.11	16.11	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG		
201	16.13	16.13	Ramp	Ramp	Water Side	Ramp to S Entry Last Updated : 1/14/2020	USACEINSPECT		
367	16.13	16.13	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG		
368	16.20	16.20	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG		
310	16.20	16.20	Ramp	Ramp	Water Side	Entry Last Updated : 5/3/2017	LEVEELOG		
202	16.24	16.24	Structure	Bridge	Water Side	Bridge at toe. Entry Last Updated : 1/9/2020	USACEINSPECT 6963		
311	16.24	16.24	Gate	Metal	Water Side	Metal gate at bridge crossing on WS toe. Entry Last Updated : 5/3/2017	LEVEELOG		
205	16.28	16.28	Ramp	Ramp	Water Side	Ramp to S Entry Last Updated : 1/14/2020	USACEINSPECT		
369	16.28	16.28	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG		
203	16.29	16.29	Ramp	Ramp	Land Side	Ramp to S Entry Last Updated : 1/14/2020	USACEINSPECT		
199	16.29	16.29	Fence	Metal	Water Side and Land Side	Gate and fence, landside and waterside. Entry Last Updated : 1/15/2020	LEVEELOG		
204	16.29	16.29	Gate	Metal	Crossing	Gate and fence, landside and waterside. Entry Last Updated : 1/13/2020	USACEINSPECT		
370	16.36	16.36	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG		
206	16.42	16.42	Ramp	Ramp	Land Side	Entry Last Updated : 5/3/2017	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
371	16.44	16.44	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG		
372	16.51	16.51	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG		
373	16.59	16.59	Structure	Pole - Utility	Land Side	utility pole at landside toe. Entry Last Updated : 1/16/2020	LEVEELOG		
208	16.67	16.67	Aerial	High Voltage	Crossing	Utility pole, waterside and electrical lines crossing levee Entry Last Updated : 1/13/2020	USACEINSPECT		
207	16.67	16.67	Structure	Pole - Utility	Water Side	Utility pole, waterside shoulder Entry Last Updated : 1/16/2020	USACEINSPECT		
374	16.67	16.67	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
375	16.73	16.73	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
312	16.77	16.77	Mark	Marker	Land Side	Levee mile marker, "17.0". Entry Last Updated : 5/3/2017	LEVEELOG		
376	16.81	16.81	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
377	16.88	16.88	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
378	16.96	16.96	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
379	17.03	17.03	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
380	17.11	17.11	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
381	17.19	17.19	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		



**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
382	17.26	17.26	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
313	17.31	17.31	Mark	Marker	Land Side	Levee mile marker, "17.5". Entry Last Updated : 5/3/2017	LEVEELOG		
383	17.34	17.34	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
384	17.41	17.41	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
385	17.49	17.49	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
386	17.55	17.55	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
315	17.55	17.55	Aerial	High Voltage	Crossing	Entry Last Updated : 5/3/2017	LEVEELOG		
314	17.55	17.55	Structure	Pole - Utility	Water Side	Power pole with power line crossing levee at WS hinge. Entry Last Updated : 5/3/2017	LEVEELOG		
387	17.62	17.62	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
388	17.69	17.69	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
316	17.73	17.73	Mark	Marker	Land Side	Levee mile marker, "18.0". Entry Last Updated : 5/3/2017	LEVEELOG		
389	17.77	17.77	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
390	17.85	17.85	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
391	17.92	17.92	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
317	17.96	17.96	Revetment	Cobble	Water Side	Entry Last Updated : 1/9/2020	LEVEELOG		
392	17.99	17.99	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
393	18.06	18.06	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
394	18.12	18.12	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
395	18.19	18.19	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
318	18.22	18.22	Mark	Marker	Land Side	Levee mile marker, "18.5". Entry Last Updated : 5/3/2017	LEVEELOG		
396	18.24	18.24	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
397	18.31	18.31	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
398	18.34	18.34	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
210	18.37	18.37	Ramp	Ramp	Land Side	Ramp to N Entry Last Updated : 1/14/2020	USACEINSPECT		
399	18.41	18.41	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
400	18.49	18.49	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
401	18.54	18.54	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
402	18.59	18.59	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
403	18.63	18.63	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
404	18.68	18.68	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
319	18.72	18.72	Mark	Marker	Land Side	Levee mile marker, "19.0". Entry Last Updated : 5/3/2017	LEVEELOG		
405	18.73	18.73	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
406	18.77	18.77	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
407	18.83	18.83	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
408	18.88	18.88	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
409	18.93	18.93	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
321	18.93	18.93	Structure	Pole - Utility	Water Side	Power pole at WS hinge. Entry Last Updated : 5/3/2017	LEVEELOG		
320	18.93	18.93	Aerial	High Voltage	Crossing	Entry Last Updated : 5/3/2017	LEVEELOG		
410	18.98	18.98	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
411	19.03	19.03	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
412	19.08	19.08	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
209	19.08	19.08	Ramp	Ramp	Land Side	Ramp on LS slope. Entry Last Updated : 5/3/2017	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
413	19.12	19.12	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
322	19.13	19.20	Non-Project Levee	Bow	Land Side	Bow levee on LS around pump facility. Entry Last Updated : 5/3/2017	LEVEELOG		
323	19.13	19.13	Ramp	Ramp	Land Side	Ramp on LS to pump facility at bow levee intersection. Entry Last Updated : 5/3/2017	LEVEELOG		
72	19.14	19.14	UCIP	Pipe	Crossing	DS_ID:16876 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 12-inch polyvinyl chloride (PVC) irrigation pipe through the levee, at an unknown depth. Line is abandoned near bow levee. [Additional Reference(s): DWR Levee Log, 2005 (HLM 19.42), listed as 12-inch PVC pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021		
414	19.14	19.14	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
218	19.17	19.17	Structure	Pump Station	Land Side	Abandoned pump station with ring levee and 2 gate structures. Entry Last Updated : 1/14/2020	USACEINSPECT		
216	19.17	19.17	Structure	Other	Water Side	Outlet structure Entry Last Updated : 1/13/2020	USACEINSPECT		
217	19.17	19.17	Structure	Flap Gate	Water Side	Gate structure. Structure is identified in Sacramento O&M Manual 135. Entry Last Updated : 1/10/2020	USACEINSPECT		

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

73	19.18	19.18	UCIP	Culvert	Crossing	DS_ID:16877 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Pumping Plant No. 1] 1 of 3: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 26 feet below the crown. Slide gates in a concrete well on the waterside (WS) shoulder. Wooden flap gates and concrete headwall on the WS end. Concrete steps and staff gage reading to 53 feet on the WS slope. [Additional Reference(s): DWR Levee Log, 2005 (HLM 19.47), listed as three 4-foot by 6-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 141+46), listed as three 4-feet by 6-feet concrete conduits with 6-foot by 8-foot valves referenced as Pumping Plant No.1. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Drawing No. 2, page 2 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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74	19.18	19.18	UCIP	Culvert	Crossing	DS_ID:17027 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Pumping Plant No. 1] 2 of 3: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 26 feet below the crown. Slide gates in a concrete well on the waterside (WS) shoulder. Wooden flap gates and concrete headwall on the WS end. Concrete steps and staff gage reading to 53 feet on the WS slope. [Additional Reference(s): DWR Levee Log, 2005 (HLM 19.47), listed as three 4-foot by 6-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 141+46), listed as three 4-feet by 6-feet concrete conduits with 6-foot by 8-foot valves referenced as Pumping Plant No.1. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Drawing No. 2, page 2 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

75	19.18	19.18	UCIP	Culvert	Crossing	DS_ID:17028 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: [Pumping Plant No. 1] 3 of 3: 48-inch by 72-inch reinforced concrete drainage culvert through the levee, 26 feet below the crown. Slide gates in a concrete well on the waterside (WS) shoulder. Wooden flap gates and concrete headwall on the WS end. Concrete steps and staff gage reading to 53 feet on the WS slope. [Additional Reference(s): DWR Levee Log, 2005 (HLM 19.47), listed as three 4-foot by 6-foot concrete box culverts. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 141+46), listed as three 4-feet by 6-feet concrete conduits with 6-foot by 8-foot valves referenced as Pumping Plant No.1. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Drawing No. 2, page 2 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021
214	19.18	19.18	Structure	Other	Water Side	Siphon breaker. Entry Last Updated : 1/13/2020	USACEINSPECT 3165
215	19.18	19.18	Structure	Gauge	Water Side	Stage gauge Entry Last Updated : 1/10/2020	USACEINSPECT
76	19.18	19.18	UCIP	Pipe	Crossing	DS_ID:16878 EP_NO: 3165 Crossing Status: Found FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 4 feet below the crown. Siphon breaker in 36-inch corrugated metal pipe (CMP) riser unit on the waterside (WS) shoulder. Flap gate on the WS end. (two 10-inch pipes, different locations, authorized under Permit No. 3165, 1959 - State of California, Department of Water Resources [DWR]) [Additional Reference(s): DWR Levee Log, 2005 (HLM 19.47), listed as 10-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 3165
415	19.19	19.19	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG
212	19.21	19.21	Ramp	Ramp	Land Side	Entry Last Updated : 5/3/2017	USACEINSPECT 13020
416	19.21	19.21	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG
417	19.23	19.23	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

77	19.24	19.24	UCIP	Pipe	Crossing	DS_ID:16879 EP_NO: 13020 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 1] 1 of 4: 36-inch reinforced concrete discharge pipe through the levee, 20 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure, and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 200 horsepower motor inside pumping plant structure located on the landside (LS). New State Drainage Pumping Plant No. 1 was installed in 1981 to replace Pumping Plant No. 1. (four 36-inch pipes authorized under Permit No. 13020, 1981 - Department of Water Resources [DWR], Floodway Management Section). Design drawings available. [Additional Reference(s): DWR Levee Log, 2005 (HLM 19.54), listed as four 36-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13020
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325	19.24	19.24	Ramp	Ramp	Water Side	Two ramps on WS slope flanking discharge structure. Entry Last Updated : 5/3/2017	LEVEELOG
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78	19.24	19.24	UCIP	Pipe	Crossing	DS_ID:17029 EP_NO: 13020 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 1] 2 of 4: 36-inch reinforced concrete discharge pipe through the levee, 20 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure, and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 200 horsepower motor inside pumping plant structure located on the landside (LS). New State Drainage Pumping Plant No. 1 was installed in 1981 to replace Pumping Plant No. 1. (four 36-inch pipes authorized under Permit No. 13020, 1981 - Department of Water Resources [DWR], Floodway Management Section). Design drawings available. [Additional Reference(s): DWR Levee Log, 2005 (HLM 19.54), listed as four 36-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13020
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227	19.24	19.24	Structure	Other	Land Side	Oversteepened embankment below ramp. (1.25:1) Entry Last Updated : 1/13/2020	USACEINSPECT
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222	19.24	19.24	Structure	Pump Station	Land Side	Pump station. Entry Last Updated : 1/14/2020	USACEINSPECT 13020 18535
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223	19.24	19.24	Structure	Flap Gate	Water Side	Gate structure. Entry Last Updated : 1/10/2020	USACEINSPECT 13020
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
224	19.24	19.24	Structure	Headwall	Water Side	Outlet structure with 4 x 36" diameter pipes with flap gates. Entry Last Updated : 1/10/2020	USACEINSPECT 13020		
79	19.25	19.25	UCIP	Pipe	Crossing	DS_ID:17030 EP_NO: 13020 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 1] 3 of 4: 36-inch reinforced concrete discharge pipe through the levee, 20 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure, and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 200 horsepower motor inside pumping plant structure located on the landside (LS). New State Drainage Pumping Plant No. 1 was installed in 1981 to replace Pumping Plant No. 1. (four 36-inch pipes authorized under Permit No. 13020, 1981 - Department of Water Resources [DWR], Floodway Management Section). Design drawings available. [Additional Reference(s): DWR Levee Log, 2005 (HLM 19.54), listed as four 36-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13020		
80	19.25	19.25	UCIP	Pipe	Crossing	DS_ID:17031 EP_NO: 13020 Crossing Status: Found FIELD_STRUCT_DESC: [Sutter Bypass Pumping Plant No. 1] 4 of 4: 36-inch reinforced concrete discharge pipe through the levee, 20 feet below the crown to centerline of the pipe. Flap gate and slide gate in outlet structure and reinforced concrete "U" shaped headwall and splash apron on discharge end of the pipe on the waterside (WS) of the levee. 200 horsepower motor inside pumping plant structure located on the landside (LS). New State Drainage Pumping Plant No. 1 was installed in 1981 to replace Pumping Plant No. 1. (four 36-inch pipes authorized under Permit No. 13020, 1981 - Department of Water Resources [DWR], Floodway Management Section). Design drawings available. [Additional Reference(s): DWR Levee Log, 2005 (HLM 19.54), listed as four 36-inch reinforced concrete pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13020		
213	19.25	19.25	Ramp	Ramp	Land Side	Ramp to S Entry Last Updated : 1/14/2020	USACEINSPECT		
326	19.26	19.26	Mark	Marker	Crown	Levee Mile Marker 19.5 Entry Last Updated : 5/3/2017	LEEVELOG		
418	19.28	19.28	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEEVELOG		



**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
419	19.33	19.33	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
420	19.37	19.37	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
421	19.42	19.42	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
422	19.47	19.47	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
423	19.52	19.52	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
424	19.57	19.57	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
425	19.62	19.62	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
426	19.67	19.67	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
219	19.71	19.71	Mark	Marker	Crown	Levee mile marker (22.0) - mismarked. Should be 20.0 Entry Last Updated : 5/3/2017	LEVEELOG		
427	19.72	19.72	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
428	19.77	19.77	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
429	19.81	19.81	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
430	19.87	19.87	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
431	19.91	19.91	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
432	19.97	19.97	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
221	19.97	19.97	Structure	Pole - Utility	Crown	Power pole on WS hinge at crown. Entry Last Updated : 5/3/2017	LEVEELOG		
228	19.97	19.97	Aerial	High Voltage	Crossing	Utility pole, waterside w lines crossing levee Inspection Entry Last Updated : 1/13/2020	USACEINSPECT		
225	20.01	20.01	Ramp	Ramp	Water Side	Ramp on WS slope. Entry Last Updated : 5/3/2017	LEVEELOG		
433	20.04	20.04	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
434	20.11	20.11	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
435	20.19	20.19	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
436	20.27	20.27	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
226	20.31	20.31	Gate	Metal	Land Side	Metal pipe gate at LS toe. Entry Last Updated : 5/3/2017	LEVEELOG		
437	20.32	20.32	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		
232	20.33	20.33	Gate	Metal	Crossing	levee gate and fence Entry Last Updated : 1/13/2020	USACEINSPECT		
233	20.33	20.37	Structure	Building	Land Side	Several houses, sheds, utility poles, retaining wall at landside toe. Entry Last Updated : 1/15/2020	USACEINSPECT		
234	20.37	20.37	Ramp	Ramp	Water Side	Ramp to S Entry Last Updated : 1/14/2020	USACEINSPECT		
438	20.37	20.37	Structure	Pole - Utility	Land Side	Utility pole, landside toe Entry Last Updated : 1/16/2020	LEVEELOG		

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
235	20.39	20.39	Structure	Bridge	Land Side	Bridge at waterside toe. Entry Last Updated : 1/9/2020	USACEINSPECT 9109		
238	20.45	20.45	At Grade	Road / Highway	Crossing	Roadway crossing levee Entry Last Updated : 1/14/2020	USACEINSPECT		
229	20.45	20.45	Ramp	Ramp	Water Side and Land Side	Ramps on WS and LS as part of the road crossing the levee. Entry Last Updated : 5/3/2017	LEVEELOG		
239	20.48	20.48	Fence	Chain Link	Land Side	Fence at landside toe. Entry Last Updated : 1/9/2020	USACEINSPECT		
231	20.50	21.49	Aerial	High Voltage	Crown	Power lines run parallel to levee along WS hinge at crown between power poles. Entry Last Updated : 5/3/2017	LEVEELOG		
230	20.50	20.50	Aerial	High Voltage	Crossing	Power lines cross levee to power pole on WS hinge at crown. Entry Last Updated : 5/3/2017	LEVEELOG		
252	20.50	20.50	Structure	Pole - Utility	Crown	Utility pole on WS hinge with guy wire into WS slope Entry Last Updated : 1/16/2020	USACEINSPECT		
241	20.50	20.50	Structure	Sign	Land Side	2 signs in levee slope, landside. Entry Last Updated : 1/14/2020	USACEINSPECT		
243	20.52	20.52	Ramp	Ramp	Land Side	Ramp to N Entry Last Updated : 1/14/2020	USACEINSPECT		
244	20.55	20.55	Gate	Metal	Crossing	Levee gate and fence. Entry Last Updated : 1/13/2020	USACEINSPECT		
439	20.55	20.55	Structure	Pole - Utility	Crown	Utility pole on WS hinge with guy wire into WS slope Entry Last Updated : 1/16/2020	LEVEELOG		
440	20.59	20.59	Structure	Pole - Utility	Crown	Utility pole on WS hinge with guy wire into WS slope Entry Last Updated : 1/16/2020	LEVEELOG		
441	20.65	20.65	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG		
237	20.69	20.69	Mark	Marker	Crown	Levee Mile Marker 21.00 Entry Last Updated : 5/3/2017	LEVEELOG		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sutter Bypass

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee						Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source	
	Start	End					Permits	
442	20.71	20.71	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG	
443	20.77	20.77	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG	
444	20.83	20.83	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG	
445	20.89	20.89	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG	
446	20.95	20.95	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG	
447	21.01	21.01	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG	
246	21.05	21.05	Aerial	High Voltage	Crossing	Power lines cross levee overhead to power pole on WS hinge and continue down slope to pump station at WS toe. Entry Last Updated : 5/3/2017	LEVEELOG	
250	21.05	21.05	Structure	Pump Station	Water Side	24" steel pipe through levee, waterside pump, platform. Entry Last Updated : 1/14/2020	USACEINSPECT 1565 17389	
448	21.05	21.05	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG	
81	21.05	21.05	UCIP	Pipe	Crossing	DS_ID:16881 EP_NO: 17389 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch steel irrigation pipe through the levee, 3 feet below the crown. Vertical pump site with wooden structure on the bank. Siphon breaker on the waterside (WS) shoulder. Pipe discharges into irrigation ditch in field on the landside (LS). Design drawings available. (24-inch pipe authorized under Permit No. 17389, 2002 - Danna and Danna Enterprise, additional work authorized removal of existing 24-inch pipe and name change; existing 24-inch pipe originally installed under Permit No. 1565, 1951 - T. H. Richards). [Additional Reference(s): DWR Levee Log, 2005 (HLM 21.44), listed as 24-inch pipe. USACE Sacramento O&M Manual, Unit 135, May 1953, Revised 29 Dec 2016, (Station 44+20), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-1945-2 (pdf file name 50-04-1645), Part A, Drawing No. 1, page 1 of 5 pdf file, August 1941]. Entry Last Updated : 4/17/2021	UCIPAPR2021 17389	

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee							Left	21.68	Makar Sokol
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
251	21.07	21.07	Ramp	Ramp	Land Side	Ramp to N Entry Last Updated : 1/14/2020	USACEINSPECT		
2	21.10	21.10	Aerial	High Voltage	Crossing	Overhead power line crosses levee. Electrical box on wooden structure. (App.14821-Dana Dana, Inc). Entry Last Updated : 1/13/2020	GEILEVEELOG 14821		
449	21.11	21.11	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG		
450	21.17	21.17	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG		
249	21.19	21.19	Mark	Marker	Crown	Levee Mile Marker 21.5 Entry Last Updated : 5/3/2017	LEVEELOG		
451	21.24	21.24	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG		
452	21.30	21.30	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG		
453	21.36	21.36	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG		
454	21.43	21.43	Structure	Pole - Utility	Crown	Utility pole on WS hinge Entry Last Updated : 1/16/2020	LEVEELOG		
253	21.49	21.49	Structure	Pole - Utility	Crown	Utility pole and guy wire on WS hinge Entry Last Updated : 1/16/2020	USACEINSPECT		
324	21.49	21.49	Aerial	High Voltage	Crossing	Power lines cross levee between two power poles at LS and WS hinge and continues downslope to pump structure across the slough. Entry Last Updated : 5/3/2017	LEVEELOG		
455	21.49	21.49	Structure	Pole - Utility	Crown	Utility pole and guy wire on LS hinge Entry Last Updated : 1/16/2020	LEVEELOG		
327	21.66	21.66	Mark	Marker	Crown	Levee Mile Marker 22.00 Entry Last Updated : 5/3/2017	LEVEELOG		
257	21.77	21.77	Ramp	Ramp	Water Side	Ramp to N Entry Last Updated : 1/14/2020	USACEINSPECT		

**Flood Control Project Maintenance  
Levee Inspections****Levee Log Report By Levee Mile - Updated 8/23/2021****Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway			Bank	Unit Miles	Inspector
Unit No. 01 Sutter Bypass Levee			Left	21.68	Makar Sokol

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

256	21.77	21.77	Mark	Boundary	Crossing	End of ST0002 Sutter Maintenance Yard East Levee Bypass Unit Number 01 Sutter Bypass Levee. Entry Last Updated : 5/3/2017	LEVEELOG
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